Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068330.D
Acq On : 09 Feb 2021 12:49
Operator : VA/SY
Sample : VD0209SBS01
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 10 00:16:27 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 13:19:08 2021
Response via : Initial Calibration

Instrument :
MSVOA_D
ClientSampleId :
VD0209SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.979	168	334192	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.867	114	573615	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.643	117	512374	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	236762	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.332	65	138514	43.33	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 86.66%				
35) Dibromofluoromethane	7.914	113	151942	47.91	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.82%				
50) Toluene-d8	10.344	98	537654	42.38	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 84.76%				
62) 4-Bromofluorobenzene	12.632	95	196197	42.95	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 85.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.991	85	78946	19.89	ug/l		98
3) Chloromethane	2.209	50	90977	21.28	ug/l		95
4) Vinyl Chloride	2.350	62	109751	23.08	ug/l		98
5) Bromomethane	2.762	94	77110	23.65	ug/l		99
6) Chloroethane	2.920	64	71773	24.71	ug/l		96
7) Trichlorofluoromethane	3.273	101	138118	22.13	ug/l		100
8) Diethyl Ether	3.715	74	37915	20.63	ug/l		97
9) 1,1,2-Trichlorotrifluo...	4.097	101	82014	22.53	ug/l		96
10) Methyl Iodide	4.303	142	68134	18.79	ug/l		93
11) Tert butyl alcohol	5.220	59	29193	49.61	ug/l	#	94
12) 1,1-Dichloroethene	4.067	96	79504	21.71	ug/l		92
13) Acrolein	3.926	56	20057	79.61	ug/l		98
14) Allyl chloride	4.720	41	102743	19.29	ug/l		97
15) Acrylonitrile	5.426	53	78893	108.37	ug/l		99
16) Acetone	4.162	43	65993	115.61	ug/l	#	88
17) Carbon Disulfide	4.409	76	230991	19.59	ug/l		98
18) Methyl Acetate	4.720	43	31904	21.53	ug/l		93
19) Methyl tert-butyl Ether	5.473	73	173678	20.52	ug/l		96
20) Methylene Chloride	4.967	84	101500	23.34	ug/l		95
21) trans-1,2-Dichloroethene	5.473	96	92156	21.92	ug/l		96
22) Diisopropyl ether	6.367	45	220648	20.53	ug/l		94
23) Vinyl Acetate	6.303	43	565502	98.72	ug/l		96
24) 1,1-Dichloroethane	6.267	63	156454	22.47	ug/l		99
25) 2-Butanone	7.214	43	89769	104.44	ug/l		98
26) 2,2-Dichloropropane	7.208	77	134783	20.46	ug/l		98
27) cis-1,2-Dichloroethene	7.214	96	103255	22.63	ug/l		96
28) Bromochloromethane	7.550	49	56111	23.65	ug/l	#	79
29) Tetrahydrofuran	7.567	42	55190	99.05	ug/l		98
30) Chloroform	7.708	83	159783	22.71	ug/l		98
31) Cyclohexane	7.985	56	137292	19.83	ug/l		96
32) 1,1,1-Trichloroethane	7.903	97	140694	22.19	ug/l		96
36) 1,1-Dichloropropene	8.114	75	125125	21.63	ug/l		98
37) Ethyl Acetate	7.297	43	42074	20.56	ug/l		97
38) Carbon Tetrachloride	8.097	117	122091	22.55	ug/l		94
39) Methylcyclohexane	9.355	83	159010	21.03	ug/l		98
40) Benzene	8.350	78	359540	22.23	ug/l		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.538	41	26114m	21.15	ug/l		
42) 1,2-Dichloroethane	8.426	62	96175	22.25	ug/l		98
43) Isopropyl Acetate	8.455	43	78867	18.49	ug/l		98
44) Trichloroethene	9.114	130	99170	22.33	ug/l		97
45) 1,2-Dichloropropane	9.391	63	87569	22.11	ug/l		94
46) Dibromomethane	9.479	93	44516	22.18	ug/l		95
47) Bromodichloromethane	9.667	83	121860	22.50	ug/l		93
48) Methyl methacrylate	9.455	41	40068	18.88	ug/l		96
49) 1,4-Dioxane	9.461	88	10596	450.54	ug/l	#	89
51) 4-Methyl-2-Pentanone	10.232	43	194346	98.05	ug/l		99
52) Toluene	10.402	92	232070	22.02	ug/l		96
53) t-1,3-Dichloropropene	10.626	75	111081	20.27	ug/l		99
54) cis-1,3-Dichloropropene	10.091	75	138305	21.20	ug/l		96
55) 1,1,2-Trichloroethane	10.802	97	64152	22.56	ug/l		93
56) Ethyl methacrylate	10.661	69	74081	19.55	ug/l		96
57) 1,3-Dichloropropane	10.949	76	111814	22.28	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.944	63	193833	110.87	ug/l		92
59) 2-Hexanone	10.985	43	133434	97.11	ug/l		99
60) Dibromochloromethane	11.144	129	77592	21.76	ug/l		98
61) 1,2-Dibromoethane	11.249	107	62118	22.14	ug/l		99
64) Tetrachloroethene	10.879	164	81240	22.50	ug/l		97
65) Chlorobenzene	11.673	112	248441	22.82	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.743	131	84856	22.16	ug/l		98
67) Ethyl Benzene	11.749	91	450398	22.34	ug/l		95
68) m/p-Xylenes	11.855	106	338283	44.45	ug/l		100
69) o-Xylene	12.185	106	156213	22.10	ug/l		98
70) Styrene	12.196	104	261742	21.70	ug/l		98
71) Bromoform	12.361	173	41401	21.33	ug/l	#	99
73) Isopropylbenzene	12.479	105	432590	21.96	ug/l		100
74) N-amyl acetate	12.291	43	69752	17.03	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.732	83	66988	21.38	ug/l		99
76) 1,2,3-Trichloropropane	12.779	75	41819m	18.27	ug/l		
77) Bromobenzene	12.761	156	92886	21.99	ug/l		91
78) n-propylbenzene	12.820	91	512084	21.97	ug/l		96
79) 2-Chlorotoluene	12.908	91	278411	21.27	ug/l		96
80) 1,3,5-Trimethylbenzene	12.961	105	352192	21.46	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.532	75	20386	18.02	ug/l		94
82) 4-Chlorotoluene	13.002	91	295193	21.69	ug/l		98
83) tert-Butylbenzene	13.226	119	294451	21.18	ug/l		98
84) 1,2,4-Trimethylbenzene	13.267	105	349559	21.46	ug/l		99
85) sec-Butylbenzene	13.402	105	428149	22.02	ug/l		98
86) p-Isopropyltoluene	13.514	119	379240	21.44	ug/l		99
87) 1,3-Dichlorobenzene	13.514	146	181025	22.29	ug/l		99
88) 1,4-Dichlorobenzene	13.596	146	178439	22.30	ug/l		99
89) n-Butylbenzene	13.843	91	372276	21.93	ug/l		97
90) Hexachloroethane	14.114	117	66217	20.72	ug/l		92
91) 1,2-Dichlorobenzene	13.890	146	156008	22.43	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.502	75	9770	19.05	ug/l		91
93) 1,2,4-Trichlorobenzene	15.161	180	103588	21.72	ug/l		100
94) Hexachlorobutadiene	15.267	225	57058	21.58	ug/l		98
95) Naphthalene	15.396	128	183629	20.54	ug/l		99
96) 1,2,3-Trichlorobenzene	15.596	180	88702	22.05	ug/l		98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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